LA CROSSE®
TECHNOLOGY

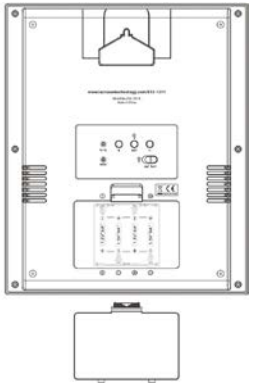
Analog-Style Digital Atomic Clock

with motion sensor that changes display options

Model: 513-1311 | Quick Setup Guide

INTRODUCTION:
The Analog-Style Digital Atomic Clock features atomic (radio-controlled) time and date, indoor temperature/humidity, week of the year. Tap or wave your hand past the motion sensor under LCD to change the display options.

ANALOG-STYLE DIGITAL ATOMIC CLOCK:



SETUP INSTRUCTIONS:
Note: Setup is most effective at night when the WWVB radio-controlled time/date signal is strongest.

1. Slide the /ON/OFF switch to **ON**.
2. Remove battery cover from the back of the Analog-Style Digital Atomic Clock. Slide tab down and pull out to remove the cover.
3. Insert four NEW AA batteries (not included) into the Analog-Style Digital Atomic Clock. Observe the correct polarity (see marking inside the battery compartment).
4. Do not touch buttons for 15 minutes while the clock searches for the WWVB time signal.

Important:
- Do NOT mix old and new batteries.
- Do Not Mix Alkaline, Standard, Lithium or Rechargeable Batteries

PROGRAM MENU STEP-BY-STEP:

STEP 1:
TIME ZONE Hold the /SET button for 2 seconds to enter the program menu.

Press and release the **+** button to select a different Time Zone:
- **NST**= Newfoundland
- **AST**= Atlantic
- **EST**= Eastern
- **CST**= Central
- **MST**= Mountain
- **PST**= Pacific
- **AKST**= Alaska
- **HAT**= Hawaiian time zone.

DAYLIGHT SAVING TIME INDICATOR: Press the **–** button to select DST. The letters DST will appear in the upper right corner. Confirm time zone and DST setting with the /SET button and move to step 2.

STEP 2:
LANGUAGE: EN (English) will flash. Use the **+** or **–** button to select the language for the day of the week:
- **EN** (English)
- **DE** (German)
- **FR** (French)
- **IT** (Italian)
- **ES** (Spanish)
- **NE** (Dutch)
- **RU** (Russian).

Confirm with the /SET button and move to step 3.

STEP 3:
YEAR: The year will flash. Press and release the **+** or **–** button to select the correct year. Confirm with the /SET button and move to step 4.

STEP 4:
MONTH/DATE: The month and date will flash. Press and release the **+** or **–** button to select the correct month and date. Hold the button to change the digits quickly. Confirm with the /SET button and move to step 5.
Note: The Day of the Week will set automatically after the year, month and date are set.

STEP 5:
TIME: The hours and minutes will flash together. Press and release the **+** or **–** button to select the correct time. Hold the button to change the digits quickly. Confirm with the /SET button and move to step 6.

STEP 6:
12/24 HOUR 12H will flash. Press and release the **+** button to select 24-hour time.
Note: In 12-hour time, the PM indicator will show during afternoon hours.

FAHRENHEIT/CELSIUS: Press and release the **-** button to select Fahrenheit of Celsius. Confirm with the /SET button and exit.

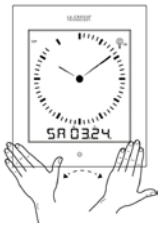
Note: The Analog-Style Digital Atomic Clock will return to active display after 30 seconds with no buttons pressed. The clock will reflect whatever adjustments made before it timed out.

CHANGE DISPLAY MODES: The clock will digitally display different options in the lower portion of the LCD. A simple tap or slow wave over the motion sensor on the front of the clock below the LCD will change the display.

- **One change of display mode**: **Tap** and release (1 second), or ***slowly* Wave** of your hand over the motion sensor (must be within .75" / 2 cm of sensor) to change the display one time.
- Repeat the tap or slow wave to change again. The display will stay on the last change.

TAP

WAVE



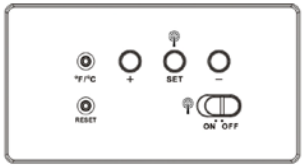
- **Display modes**:
  - Calendar (weekday, month, date)
  - Indoor temperature / humidity
  - Work week of the year (Mon-Sun view)
  - Digital time and weekday

Note: Tap or Wave very slowly, within .75" (2 cm) from motion sensor to change the display.

Auto-scrolling display:
The clock will default to auto-scrolling through the display options. When in auto-scroll this symbol **>>>** will appear in front of the display.

Turn off the auto-scroll by **tap and hold** (3 seconds) or slowly wave over the motion sensor for 3 seconds. The **>>>** symbol will disappear and the clock will stay on the current display.

FAHRENHEIT/CELSIUS: From normal display mode, press and release the °F/°C button to select temperature readings in Fahrenheit or Celsius



RESET BUTTON: If the Analog-Style Digital Atomic Clock is not working properly with good batteries, press the RESET button one time to reset the clock.

SECONDS: The seconds will populate around the outer edge between the five minute marks.

WWVB RADIO CONTROLLED TIME
The NIST radio station, WWVB, is located in Ft. Collins, Colorado and transmits the exact time signal continuously throughout the United States at 60 kHz. The signal can reach a distance of 2,000 miles from the transmitter. The Analog-Style Digital Atomic Clock receives this signal through the internal antenna. However, due to the nature of the Earth's Ionosphere, reception is very limited during daylight hours.

WWVB RECEPTION ICON with full signal strength will appear on screen along with the word OK if the reception of WWVB time signal is successful.

- No tower icon displayed. The Analog-Style Digital Atomic Clock was unable to receive a signal at this time.
- Reposition the Analog-Style Digital Atomic Clock for better signal reception or try again at bedtime.
- Press the /SET button once to force a signal search at night when reception is best.
- The Analog-Style Digital Atomic Clock will search each hour for a WWVB time signal.

Note: In case the Analog-Style Digital Atomic Clock is not able to detect the WWVB time signal after 5 nights, (disturbances, transmitting distance, etc.); slide the /ON/OFF switch to OFF and follow the **program menu** to set the time manually.

POSITIONING THE ANALOG-STYLE DIGITAL ATOMIC CLOCK:
Place the Analog-Style Digital Atomic Clock near an exterior wall with the front or back facing toward Ft. Collin Colorado for best WWVB reception. The display should be six feet from other electronics or wireless devices.

CARE AND MAINTENANCE:

- **Do Not Mix Old and New Batteries**
- **Do Not Mix Alkaline, Standard, Lithium or Rechargeable Batteries**
- Do not expose the Analog-Style Digital Atomic Clock to extreme temperatures, vibration or shock.
- Keep Analog-Style Digital Atomic Clock dry.
- Clean the Analog-Style Digital Atomic Clock with a soft damp cloth. Do not use solvents or scouring agents.
- The Analog-Style Digital Atomic Clock is not to be used for medical purpose or for public information, but is for home use only.
- The specifications of this Analog-Style Digital Atomic Clock may change without prior notice.
- Improper use or unauthorized opening of housing will void the warranty.

SPECIFICATIONS:

Indoor Temperature Range:	+14.2°F to +122°F (-9.9°C to 50°C)
Resolution:	0.1 degree
Humidity Range:	5%-99%
Resolution:	1%

Battery Life:
Analog-Style Digital Atomic Clock: Battery life over 12 months
Dimensions:
Analog-Style Digital Atomic Clock: 8.63" x 1.28" x 10.34" (219.2 x 32.5 x 262.6mm)

WARRANTY INFORMATION
La Crosse Technology, Ltd provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship.

This limited warranty begins on the original date of purchase, is valid only on products purchased and used in North America and only to the original purchaser of this product. To receive warranty service, the purchaser must contact La Crosse Technology, Ltd for problem determination and service procedures. Warranty service can only be performed by a La Crosse Technology, Ltd authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to La Crosse Technology, Ltd or La Crosse Technology, Ltd's authorized service center.

La Crosse Technology, Ltd will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of La Crosse Technology, Ltd and must be returned to La Crosse Technology, Ltd. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer. La Crosse Technology, Ltd will pay all expenses for labor and materials for all repairs covered by this warranty. If necessary repairs are not covered by this warranty, or if a product is examined which is not in need or repair, you will be charged for the repairs or examination. The owner must pay any shipping charges incurred in getting the La Crosse Technology, Ltd product to a La Crosse Technology, Ltd authorized service center. La Crosse Technology, Ltd will pay return ground shipping charges to the owner of the product to a USA address only.

The La Crosse Technology, Ltd warranty covers all defects in material and workmanship with the following specified exceptions: (1) damage caused by accident, unreasonable use or neglect (including the lack of reasonable and necessary maintenance); (2) damage occurring during shipment (claims must be presented to the carrier); (3) damage to, or deterioration of, any accessory or decorative surface; (4) damage resulting from failure to follow instructions contained in the owner's manual; (5) damage resulting from the performance of repairs or alterations by someone other than an authorized La Crosse Technology, Ltd authorized service center; (6) units used for other than home use (7) applications and uses that this product was not intended or (8) the products inability to receive a signal due to any source of interference.. This warranty covers only actual defects within the product itself, and does not cover the cost of installation or removal from a fixed installation, normal set-up or adjustments, claims based on misrepresentation by the seller or performance variations resulting from installation-related circumstances.

LA CROSSE TECHNOLOGY, LTD WILL NOT ASSUME LIABILITY FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR OTHER SIMILAR DAMAGES ASSOCIATED WITH THE OPERATION OR MALFUNCTION OF THIS PRODUCT. THIS PRODUCT IS NOT TO BE USED FOR MEDICAL PURPOSES OR FOR PUBLIC INFORMATION. THIS PRODUCT IS NOT A TOY. KEEP OUT OF CHILDREN'S REACH.

This warranty gives you specific legal rights. You may also have other rights specific to the State. Some States do not allow the exclusion of consequential or incidental damages therefore the above exclusion of limitation may not apply to you.

For warranty work, technical support, or information contact:

La Crosse Technology, Ltd
2817 Losey Blvd. S.
La Crosse, WI 54601

The complete instruction manual is available at:
www.lacrossetechnology.com/513-1311

Contact Support: 1-608-782-1610
Product Registration:
www.lacrossetechnology.com/support/register

FCC Disclaimer:
This Device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) the device must accept any interference received, including interference that may cause undesired operation.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER AUTHORITY TO OPERATE THE EQUIPMENT

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